Appendix A References

A-1. Required Publications

TM 5-818-5

Dewatering and Groundwater Control for Deep Excavations

ER 500-1-1

Natural Disaster Procedures

ER 1110-2-1806

Earthquake Design and Evaluation for Civil Works Projects

EM 1110-2-301

Guidelines for Landscape Planting at Floodwalls, Levees, and Embankment Dams

EM 1110-2-1601

Hydraulic Design of Flood Control Channels

EM 1110-2-1614

Design of Coastal Revetments, Seawall, and Bulkheads

EM 1110-1-1802

Geophysical Explorations for Engineering and Environmental Investigations

EM 1110-2-1901

Seepage Analysis and Control for Dams

EM 1110-1-1904

Settlement Analysis

EM 1110-1-1906

Soils Sampling

EM 1110-2-1902

Stability of Earth and Rock-Fill Dams

EM 1110-2-1913 30 Apr 2000

EM 1110-2-1906

Laboratory Soils Testing

EM 1110-2-1908

Instrumentation of Embankment Dams and Levees

EM 1110-2-1911

Construction Control for Earth and Rock-Fill Dams

EM 1110-2-1914

Design, Construction, and Maintenance of Relief Wells

EM 1110-2-2300

Earth and Rock-Fill Dams General Design and Construction Considerations

EM 1110-2-2502

Retaining and Flood Walls

EM 1110-2-2902

Conduits, Culverts, and Pipes

Federal Specification WW-P-405B(1)

Corrugated Steel Pipe

U.S. Army Engineer Waterways Experiment Station, CE, "Soil Mechanics Design, Stability of Slopes and Foundations," Technical Memorandum No. 3-777, Feb 1952, P.O. Box 631, Vicksburg, Miss. 39180

U.S. Army Engineer Waterways Experiment Station, CE, "Underseepage and Its Control, Lower Mississippi River Levees," Technical Memorandum No. 3-424, Vol I, Oct 1956, P.O. Box 631, Vicksburg, Miss. 39180

U.S. Army Engineer Division, Lower Mississippi Valley, CE, "Design Procedures for Design of Landside Seepage Berms for Mississippi River Levees," P.O. Box 80, Vicksburg, Miss. 39180

U.S. Army Engineer District, Rock Island, CE, "Engineering and Design Studies for Underseepage Control (Slurry Trench Cutoff) for Saylorville Dam, Des Moines River, Iowa," Design Memorandum, Nov 1965, Clock Tower Bldg., Rock Island, Ill. 61201

U.S. Army Engineer District, Savannah, CE, "West Point Project, Chatahoochee River, Alabama and Georgia, Construction of Slurry Trench Cutoff," May 1968, P.O. Box 889, Savannah, Ga., 31402

Tuck and Torrey 1993

Tuck, G. F. and Torrey, V. H., III, <u>Upper Mississippi River Basin Flood of 1993 Flood-Fight Reconnaissance and Survey of Expedient Methods Employed</u>, December 1993, U.S. Army Engineer Waterways Experiment Station, 3909 Halls Ferry Road, Vicksburg, MS 39180-6199

NAVFAC, Soil Mechanics Foundations and Earth Structures, Design Manual 7, Mar 1971. U.S. Naval Publications and Forms Center, 5801 Tabor Avenue, Philadelphia, Pennsylvania 19120

A-2. Related Publications

Bennett, Guice, Khan, and Staheli 1995

Bennett, R. D., Guice, L. K., Khan, S., and Staheli, K., 1995, "Guidelines for Trenchless Technology: Cured-in Place Pipe (CIPP), Fold and Formed Pipe (FFP) Mini-Horizontal Directional Drilling (mini-HDD) Microtunneling," Construction Productivity Advancement Research (CPAR) Program, GL-95-2, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS.

Bhowmik 1994

Bhowmik, N. G., et al., <u>The 1993 Flood on the Mississippi River in Illinois</u>, January 1994, Illinois State Water Survey Miscellaneous Publication 151, 2204 Griffith Drive, Champaign, IL 61820

Biedenharn and Tracy 1987

Biedenharn, D. G., and Tracy, F. T., 1987, "Finite Element Method Package for Solving Steady-State Seepage Problems," Technical Report ITL-87-6, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS

Bjerrum 1972

Bjerrum, L., "Embankments on Soft Ground," Proceedings, Specialty Conference on Performance of Earth and Earth-Supported Structures, Vol II, 11-14 June 1972. ASCE, 345 East 47th St., New York, New York 10017

Blasters" 1966

Blasters" Handbook, 15th ed., E. 1. Dupont de Nemours and Co., Inc., 1966, Wilmington, Delaware 19898

Brizendine, Taylor, and Gabr 1995

Brizendine, A. L., Taylor, H. M., Jr., and Gabr, M. A., 1995. "LEVSEEP: Analysis Software for Levee Underseepage and Rehabilitation," Technical Report GL-95-10, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS

Butler and Llopis

Butler, Dwain K., and Llopis, Jose L., "Assessment of Anomalous Seepage Conditions," Geotechnical and Environmental Geophysics, Vol. II, pp. 153-173, Environmental and Groundwater, Society of Exploration Geophysicists, P.O. Box 702740, Tulsa, OK 74170-2740.

Dobrin 1960

Dobrin, M. B., Geophysical Prospecting, 1960, McGraw Hill Publishing Co., 1221 Avenue of The Americas, New York, New York, 10020

Engineering Computer Graphics Laboratory 1996

Engineering Computer Graphics Laboratory, 1996, "FastSEEP Automated Seepage Analysis Reference Manual," Brigham Young University, Provo, UT

Gabr, Brizendine, and Taylor 1995

Gabr, M. A., Brizendine, A. L., and Taylor, H. M., Jr., 1995, "Comparison Between Finite Element Study and Simplified Analysis of Levee Underseepage," Technical Report GL-95-11, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS

Gabr, Taylor, Brizendine, and Wolff 1995

Gabr, M. A., Taylor, H. M., Jr., Brizendine, A. L., and Wolff, T. F., 1995, "LEVEEMSU: Analysis Software for Levee Underseepage and Rehabilitation," Technical Report GL-95-9, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS

General Accounting Office 1995

General Accounting Office, <u>Midwest Flood: Information on the Performance, Effects, and Control of Levees</u>, August 1995, GAO/RCED-95-125, Resources, Community, and Economic Development Division, P.O. Box 6015, Gaithersburg, MD 20884-6015

Interagency Floodplain Management Review Committee 1994

Interagency Floodplain Management Review Committee, <u>Sharing the Challenge: Floodplain Management Into the 21st Century</u>, June 1994, Report to the Administration Floodplain Management Task Force, Government Printing Office, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954

Johnson 1970

Johnson, S. J., "Foundation Precompression with Vertical Sand Drains," Journal, Soil Mechanics and Foundations Division, American Society of Civil Engineers, Jan 1970, ASCE, 345 East 47th St., New York, New York 10017

Kapp, York, Aronowitz, and Sitomer 1966

Kapp, M. S., York, D. L., Aronowitz, A., and Sitomer, H., "Construction on Marshland Deposits: Treatment and Results," Utilization of Sites of Soft Foundations Highway Research Record No. 133, pp 1-22, 1966, Transportation Research Board, 2101 Constitution Avenue, N. W., Washington, D. C. 20418

Knowles 1992

Knowles, V. R., 1992, "Applications of the Finite Element Seepage Analysis Corps Program CSEEP (X8202)," Technical Report ITL-92-6, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS

Ladd and Foott 1974

Ladd, Charles C., and Foott, Roger, 1974, "New Design Procedure for Stability of Soft Clays, Vol. 100 No. GT7, Journal of the Geotechnical Engineering Division.

Sherard 1979

Sherard, J. L., 1979, "Sinkholes in Dams of Coarse, Broadly Graded Soils," <u>Transaction of the 13th International Congress on Large Dams</u>, New Delhi, India, Vol. 11, pp 25-35.

Staheli, Bennett, O'Donnell, and Hurley 1998

Staheli, K., Bennett, D., O'Donnell, H. W., and Hurley, T. J., 1998, "Installation of Pipelines Beneath Levees Using Horizontal Directional Drilling," Construction Productivity Advancement Research (CPAR) Program, GL-98-1,U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS.

Telford, Geldart, Sheriff, and Keys 1990

Telford, W. M., Geldart, L. P., Sheriff, R. E., and Keys, D. A., 1990, "Applied Geophysics," Cambridge University Press, New York.

Tobin 1995

Tobin, G. A., "The Levee Love Affair: A Stormy Relationship," <u>Water Resources Bulletin</u>, Vol 31, No. 3, 1995, American Water Resources Association, 950 Herndon Parkway, Herndon, VA 22070-5531

Tracy 1994

Tracy, F. T., 1994, "Seepage Package," CSEEP Micro Version, X8202, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS

Turnbull and Mansur 1959

Turnbull, W. J. and Mansur, C. I., "Design of Underseepage Control Measures for Dams and Levees," Journal, Soil Mechanics and Foundations Division, American Society of Civil Engineers, Oct. 1959, ASCE, 345 East 47th St., New York, New York 10017

Turnbull and Mansur 1959

Turnbull, W. J. and Mansur, C. I., "Construction and Maintenance of Underseepage Control Measures," Journal, Soil Mechanics and Foundations Division, American Society of Civil Engineers, Dec. 1959, ASCE, 345 East 47th St., New York, New York 10017

Wolff 1989

Wolff, T. F., 1989, "LEVEEMSU: A Software Package Designed for Levee Underseepage Analysis," Technical Report GL-89-13, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS

ASTM D 1056

American Society for Testing and Materials, 1916 Race Street, Philadelphia, Pennsylvania 19103

ASTM D 2573

American Society for Testing and Materials, 1916 Race Street, Philadelphia, Pennsylvania 19103.

AASHTO M 243-73

American Association of State Highway and Transportation Officials, 341 National Press Bldg., Washington, DC. 20004